

## ABSTRACT OF THE DISCLOSURE

The present invention provides an electrophotographic developer which reduces toner contamination on the surface of a developer carrier even when a development effective range is narrowed and which is stabilized in an image quality in every environmental situation and has a long life and a low cost and an image-forming method using the same.

In the present invention, used for the electrostatically charged-image holder described above having a radius of curvature of 18 mm or less in a development effective range is the electrophotographic developer which is a two-component developer comprising a toner comprising at least a binder and a colorant and a carrier which is coated with a resin and has a weight average particle diameter of 40 to 100  $\mu\text{m}$ , wherein the above toner has a volume average particle diameter of 8 to 11.5  $\mu\text{m}$ , and the toner particles having a diameter of 6.35  $\mu\text{m}$  or less account for 20 number % or less.